



Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.

SOIL BORING LOG

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Date 11/06/89

ROUTE FAI 57/70 DESCRIPTION Bridge Boring LOGGED BY

SECTION 25-4HVB-1 LOCATION Bridge-EBL & WBL at U.S. Rte. 45

COUNTY Effingham DRILLING METHOD HAMMER TYPE

STRUCT. NO. (EX) 025-0013 (EBL), (EX) 025-0014 (WBL)
Station 2294+12.22
BORING NO. 2A
Station 2291+58
Offset 0 ft
Ground Surface Elev. 624.4 ft

DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
583.4				Medium, very damp, SILTY CLAY (continued)
582.4	27	2.0 E	10	Stiff, very moist, CLAY TILL
578.9	60	4.0 S	10	Very dense (hard), very moist, SANDY CLAY LOAM TILL
576.4	95		8	Very dense, very moist, SANDY CLAY LOAM TILL with 1/2" thick SAND lenses
575.3	104		9	Very dense, very moist, CLAY TILL
567.4	107		9	Boring terminated at 57 ft.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



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COUNTY Effingham DRILLING METHOD HAMMER TYPE

STRUCT. NO. (EX) 025-0013 (EBL), (EX) 025-0014 (WBL)
Station 2294+12.22
BORING NO. 3A
Station 2293+79
Offset 24.5 ft LT
Ground Surface Elev. 585.8 ft

DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
583.8	37		6	Dense, moist, mixture of CONCRETE FRAGMENTS and CLAY TILL
562.0	16	1.6 E	16	Very stiff, damp, CLAY TILL
561.8				Very dense, very moist, SANDY CLAY LOAM TILL
578.8	10	1.1 E	11	Medium to soft, very damp, SILTY CLAY (organic with odor and roots)
575.3	5	0.5 S	21	Medium, damp, SILTY CLAY LOAM (organic with odor and wood)
571.3	5	0.6 S	26	Soft, very damp, SILTY CLAY LOAM
567.8	4	0.4 S	26	Soft, very damp, CLAY LOAM
566.8	37	0.45/S	22	Dense, very moist, very fine grain, SAND

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STRUCT. NO. (EX) 025-0013 (EBL), (EX) 025-0014 (WBL)
Station 2294+12.22
BORING NO. 3A
Station 2293+79
Offset 24.5 ft LT
Ground Surface Elev. 585.8 ft

DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
545.3				Very stiff, very moist to damp, SANDY CLAY LOAM TILL with 1" thick lenses of very fine SAND
542.8	78	3.4 S	12	Hard, very moist, CLAY TILL
540.8	106	6.7 S	10	Hard, damp, CLAY TILL with 1/2" thick lenses of medium grain SAND
535.8	73	7.7 S	10	Boring terminated at 50 ft.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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